

Please type a plus sign (+) inside this box →



PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	LUCW:0011	Total Pages	49
	First Named Inventor or Application Identifier			
	Daniel Stewart Stoops et al.			
	Express Mail Label No.	EV 365 157 955 US		

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: Commissioner for Patents Box Patent Application Alexandria, VA 22313			
1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(Submit an original, and a duplicate for fee processing)</small>	6. <input type="checkbox"/> Microfiche Computer Program (Appendix)	ACCOMPANYING APPLICATION PARTS 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(where there is an assignee)</small> 10. <input type="checkbox"/> English Translation Document (if applicable) 11. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 12. <input type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) 14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application Statement(s) Status still proper and desired 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input checked="" type="checkbox"/> Other (PTO-2038)			
2. <input checked="" type="checkbox"/> Specification Total Pages 28 <small>(preferred arrangement set forth below)</small> -Descriptive -Cross References to Related Application -Statement Regarding Fed sponsored R & D -Reference to Microfiche Appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure	7. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies				
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) Total Sheets 3 Total Pages 9					
4. Oath or Declaration a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> <small>[Note Box 5 below]</small> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).					
5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.					
17. <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____					
18. CORRESPONDENCE ADDRESS <input type="checkbox"/> Customer Number or Bar Code Label <input checked="" type="checkbox"/> Correspondence address below <small>(Insert Customer No. or Attach bar code label here)</small>					
NAME Michael G. Fletcher Fletcher Yoder					
ADDRESS P.O. Box 692289					
CITY	Houston			STATE	Texas
COUNTRY	USA	TELEPHONE	(281) 970-4545		
		Fax	(281) 970-4503		

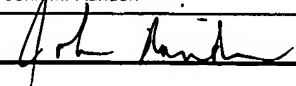
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

17231
U.S. PTO
022004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

FEE TRANSMITTAL		Complete if Known	
		Application Number	Unassigned
		Filing Date	Herewith
		First Named Inventor	Daniel Stewart Stoops et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
TOTAL AMOUNT OF PAYMENT	(\$) 1,194.00	Attorney Docket Number	Stoops 3-2 (LUCW:0011)

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																															
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: Deposit Account Name: <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)		3. ADDITIONAL FEES																																																																																																																																																																															
2. <input checked="" type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other (PTO-2038)																																																																																																																																																																																	
FEE CALCULATION (fees effective 10/01/96)																																																																																																																																																																																	
1. FILING FEE																																																																																																																																																																																	
<table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>101</td><td>770</td><td>201</td><td>370</td><td>Utility filing fee</td><td>770.00</td></tr><tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5">SUBTOTAL (1)</td><td>(\$) 770.00</td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee	Fee Code	Fee (\$)	Fee Code	Fee (\$)	101	770	201	370	Utility filing fee	770.00	106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		SUBTOTAL (1)					(\$) 770.00																																																																																																																																		
Large Entity		Small Entity		Fee Description	Fee																																																																																																																																																																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																														
101	770	201	370	Utility filing fee	770.00																																																																																																																																																																												
106	330	206	165	Design filing fee																																																																																																																																																																													
107	510	207	255	Plant filing fee																																																																																																																																																																													
108	740	208	370	Reissue filing fee																																																																																																																																																																													
114	160	214	80	Provisional filing fee																																																																																																																																																																													
SUBTOTAL (1)					(\$) 770.00																																																																																																																																																																												
2. CLAIMS																																																																																																																																																																																	
<table border="1"><thead><tr><th colspan="2">Paid</th><th colspan="2">Fee from</th><th rowspan="2">Fee</th></tr><tr><th></th><th></th><th>Extra</th><th>below</th></tr></thead><tbody><tr><td>Total Claims 27 - 20</td><td>=</td><td>7</td><td>X 18</td><td>= 126.00</td></tr><tr><td>Independent Claims 6 - 3</td><td>=</td><td>3</td><td>X 86</td><td>= 258.00</td></tr><tr><td colspan="5">Multiple Dependent Claims _____ X _____ = _____</td></tr></tbody></table>		Paid		Fee from		Fee			Extra	below	Total Claims 27 - 20	=	7	X 18	= 126.00	Independent Claims 6 - 3	=	3	X 86	= 258.00	Multiple Dependent Claims _____ X _____ = _____																																																																																																																																																												
Paid		Fee from		Fee																																																																																																																																																																													
		Extra	below																																																																																																																																																																														
Total Claims 27 - 20	=	7	X 18	= 126.00																																																																																																																																																																													
Independent Claims 6 - 3	=	3	X 86	= 258.00																																																																																																																																																																													
Multiple Dependent Claims _____ X _____ = _____																																																																																																																																																																																	
<table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>102</td><td>86</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td></tr><tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim</td></tr><tr><td>109</td><td>84</td><td>209</td><td>42</td><td>Reissue independent claims over original patent</td></tr><tr><td>110</td><td>18</td><td>210</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td></tr><tr><td colspan="5">SUBTOTAL (2) (\$) 384.00</td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Code	Fee (\$)	Fee Code	Fee (\$)	103	18	203	9	Claims in excess of 20	102	86	202	42	Independent claims in excess of 3	104	280	204	140	Multiple dependent claim	109	84	209	42	Reissue independent claims over original patent	110	18	210	9	Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) (\$) 384.00																																																																																																																																													
Large Entity		Small Entity		Fee Description																																																																																																																																																																													
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																														
103	18	203	9	Claims in excess of 20																																																																																																																																																																													
102	86	202	42	Independent claims in excess of 3																																																																																																																																																																													
104	280	204	140	Multiple dependent claim																																																																																																																																																																													
109	84	209	42	Reissue independent claims over original patent																																																																																																																																																																													
110	18	210	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																													
SUBTOTAL (2) (\$) 384.00																																																																																																																																																																																	
		<table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing or cover sheet</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920</td><td>112</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840</td><td>113</td><td>1,840</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td></td></tr><tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for response within second month</td><td></td></tr><tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for response within third month</td><td></td></tr><tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for response within fourth month</td><td></td></tr><tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr><tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr><tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr><tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td colspan="5">Other fee (specify) _____</td><td></td></tr><tr><td colspan="5">Other fee (specify) _____</td><td></td></tr><tr><td colspan="5">SUBTOTAL (3) (\$) 40.00</td><td></td></tr></tbody></table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920	112	920	Requesting publication of SIR prior to Examiner action		113	1,840	113	1,840	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within first month		116	400	216	200	Extension for response within second month		117	920	217	460	Extension for response within third month		118	1,440	218	720	Extension for response within fourth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,280	241	640	Petition to revive unintentionally abandoned application		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00	146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____						Other fee (specify) _____						SUBTOTAL (3) (\$) 40.00					
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																												
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																													
127	50	227	25	Surcharge - late provisional filing or cover sheet																																																																																																																																																																													
139	130	139	130	Non-English specification																																																																																																																																																																													
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																													
112	920	112	920	Requesting publication of SIR prior to Examiner action																																																																																																																																																																													
113	1,840	113	1,840	Requesting publication of SIR after Examiner action																																																																																																																																																																													
115	110	215	55	Extension for response within first month																																																																																																																																																																													
116	400	216	200	Extension for response within second month																																																																																																																																																																													
117	920	217	460	Extension for response within third month																																																																																																																																																																													
118	1,440	218	720	Extension for response within fourth month																																																																																																																																																																													
119	320	219	160	Notice of Appeal																																																																																																																																																																													
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																													
121	280	221	140	Request for oral hearing																																																																																																																																																																													
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																													
140	110	240	55	Petition to revive unavoidably abandoned application																																																																																																																																																																													
141	1,280	241	640	Petition to revive unintentionally abandoned application																																																																																																																																																																													
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																													
143	460	243	230	Design issue fee																																																																																																																																																																													
144	620	244	310	Plant issue fee																																																																																																																																																																													
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																													
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																													
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																																																																													
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																																												
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																													
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																													
Other fee (specify) _____																																																																																																																																																																																	
Other fee (specify) _____																																																																																																																																																																																	
SUBTOTAL (3) (\$) 40.00																																																																																																																																																																																	
		* Reduced by Basic Filing Fee Paid																																																																																																																																																																															

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	John M. Rariden	Reg. Number	54,388
Signature		Date	2/20/04
		Deposit Acct. User ID	